

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2004/001493

**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 G01N 33/48, G01N 33/49, G01N 15/02, G01N 11/04, G01N 27/00**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

Minimum documentation searched (classification system followed by classification symbols)

IPC7 G01N 33/48, G01N 21/47, G01N 11/04, G01N 21/84, G01N 11/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Patent and Applications for Inventions since 1975

Korean Utility Models and Applications for Utility Models since 1975

Japanese Utility Models and Application for Utility Models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKIPASS, WPI, USPTO, PAJ, CAPLUS(STN), INSPECT "deformability, blood, cell, system, instrument, apparatus, device, kit, measur\*, monitor, laser, light, diffraction, disposable, rheolog\*, pressure, etc."

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5798827 A (Coulter International Corp., USA) 25 Aug 1998 - see the entire document	1-11
A	US 5851835 A (Center for laboratory technology, Inc., USA) 22 Dec 1998 - see the entire document	1-11
A	US 5327777 A (University of Hertfordshire, UK) 12 Jul 1994 - see the entire document	1-11
A	DE 3813110 A (Stiftung Fuer, Lasertechnologie, Germany) 02 Nov 1989 - see the entire document	1-11
A	US 4428669 A (Institut Nationale de la Sante et de la Recherche Medicine, France) 31 Jan 1984 - see the entire document	1-11
A	US 5023054 A (Hitachi Ltd., Japan) 11 Jan 1991 - see the entire document	1-11

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search

05 OCTOBER 2004 (05.10.2004)

Date of mailing of the international search report

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

PCT/KR2004/001493

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5798827 A	25 Aug 1998	none	
US 5851835 A	22 Dec 1998	none	
US 5327777 A	12 Jul 1994	GB 9015643 A0 WO 9113338 A2 EP 517760 A1	05 Sep 1990 05 Sep 1991 16 Dec 1992
DE 3813110 A	02 Nov 1989	none	
US 4428669 A	31 Jan 1984	FR 2484077 A1 DE 3121974 A1 JP 57052860 A2	11 Dec 1981 04 Feb 1982 29 Mar 1982
US 5023054 A	11 Jan 1991	JP 2130471 A2 DE 68918223 T2 EP 368241 B1	18 May 1990 02 Feb 1995 14 Sep 1994